

CERTIFICATE OF MAILING

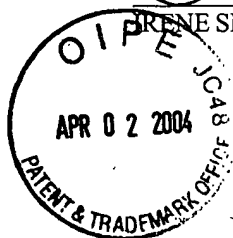
I hereby certify that this *Information Disclosure Statement* is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this, the 31st day of March, 2004.

Customer Number

24024

J. Rene Smith

J. RENE SMITH



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)	
Williams)	Examiner: Not Yet Assigned
)	
Serial No.: 10/642,430)	
)	
Filed: August 15, 2003)	Art Unit: 3679
)	
For: FITTING FOR METAL)	Attorney Docket No.: 22188/06671
PIPE AND TUBING)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith are the following:

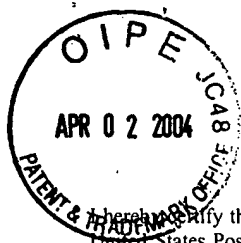
1. Information Disclosure Statement;
2. PTO Form PTO/SB/08A with (92) References; and
3. Return Receipt Postcard.

It is believed that no further fee is required relating to the filing of these documents. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 03-0172. A duplicate copy of this sheet is attached.

Respectfully submitted,

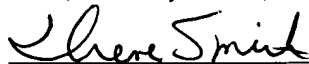
Date: 3/31/04

By: *Douglas B. McKnight*
Douglas B. McKnight (50,447)
216/622-8559



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PIPE AND TUBING)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I. Preliminary Statement

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. §1.97(g)), an admission that the information cited is, or is considered to be, material to patentability (37 C.F.R. §1.97(h)), or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

II. Identification of Time of Filing the Accompanying Information Disclosure Statement

- ☒ The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. §1.97(b). As such it is believed that there is no fee due.
- ☐ The information disclosure statement submitted herewith is being filed *after* three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

- ☐ The information disclosure statement transmitted herewith is being filed *after* a final action under §1.113, or a notice of allowance under §1.311, whichever occurs first, but before or simultaneously with, the payment of the issue fee.
- ☐ This information disclosure statement is submitted as a courtesy copy for the Examiner and includes the previously submitted Form 1449s from the parent case of which this is a continuation application.

III. Non-English References


- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material: _____.
- ☐ No English translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.
- ☐ The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.
- ☐ Concise Explanation of Non-English Language Listed Information Items. (Attached)

IV. Fee

- ☐ Petition fee due (§1.17(p)): \$180.00
- ☐ Attached is a check in the amount of \$180.00.
- ☐ Authorization is hereby made to charge the amount of \$_____ to Deposit Account No. **03-0172**.
- ☒ Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. **03-0172**. A duplicate of this paper is attached.

Respectfully submitted,

Date: 3/31/04



Douglas B. McKnight
Reg. No. 50,447
Telephone: 216/622-8200
Customer No.: 24024

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/642,430
Filing Date	08/15/2003
First Named Inventor	Peter C. Williams
Art Unit	
Examiner Name	
Attorney Docket Number	22188/06671

Sheet

of

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3992043	11-16-1976	Whitley	
		US- 4136896	01-30-1979	Rodman et al.	
		US- 3736008	05-29-1973	Crawford	
		US- 6168211	01-02-2001	Schorn-Gilson	
		US- 5954375	09-21-1999	Trickle et al.	
		US- 5716082	02-10-1998	Vogel et al.	
		US- 5335946	08-09-1994	Dent et al.	
		US- 5193616	03-16-1993	Hynes	
		US- 4940263	07-10-1990	Mayernik	
		US- 4890867	01-02-1990	Briggs et al.	
		US- 4789759	12-06-1988	Jones	
		US- 4647086	03-03-1987	Maxwell et al.	
		US- 4541537	09-17-1985	Sailor	
		US- 4529231	07-16-1985	Greenawalt	
		US- 4304422	12-08-1981	Schwarz	
		US- 4136897	01-30-1979	Haluch	
		US- 4037864	07-26-1977	Anderson et al.	
		US- 3970337	07-20-1976	Niemeyer	
		US- 3895832	07-22-1975	Ellis et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO-9832999-A1	07-30-1998	SWAGELOK MARKETING		
		WO-9846925-A1	10-22-1998	SWAGELOK MARKETING		
		EP-0863354-A1	09-09-1998	Armaturenfabrik Hermann V		
		WO-9924750-A1	05-20-1999	GLYNWED PIPE SYSTEMS		
		WO-8912190-A1	12-14-1989	WEBER		
		WO-9707356-A1	02-27-1997	FRÖHLICH		

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SignatureDate
Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Application Number	10/642,430
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Sheet _____ of _____

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FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		• JP-5621679	02-26-1981	Hitachi Kinzoku KK		
		• JP-461462	01-19-1971	Nitta Belt KK		
		• JP-57202084	12-22-1982	Yaei Kagaku Kogyo KK		
		• JP-56124787-A2	09-30-1981	RUI MARUTERI		
		• JP-63231086-A2	09-27-1988	TOHO KASEI KK		
		• JP-60139988-A2	07-24-1985	E T E KK		

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		Number-Kind Code ² (if known)			
		US- 6073976	06-13-2000	Schmidt et al.	
		US- 4586731	05-06-1986	Castrup	
		US- 3923323	12-02-1975	Brogan	
		US- 3319293	05-16-1967	Gollos	
		US- 3025084	03-13-1962	Franck	
		US- 2641489	06-09-1953	Hedberg	
		US- 2553981	05-22-1951	Richardson	
		US- 2544109	03-06-1951	Richardson	
		US- 2497274	02-14-1950	Richardson	
		US- 2460621	02-01-1949	Courtot	
		US- 2450170	09-28-1948	Smith	
		US- 2127611	08-23-1938	Mueller	
		US- 1889778	12-06-1932	Dobrick	
		US- 1927464	09-19-1933	McIntosh	
		US- 1755210	05-22-1930	Dohner	
		US- 2139413	12-06-1938	Kreidel	
		US- 2738994	03-20-1956	Kreidel et al.	
		US- 2406488	08-27-1946	Brock	
		US- 2823935	02-18-1958	Wurzburger	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	r	WO-9324780-A1	12-09-1993	THE DEUTSCH COMPANY		
	✓	GB-2258897-A	02-24-1993	RUSKA LABORATORIES, I		
	.	JP-5666586-A2	06-05-1981	ERUMETO ARUMATOURI		
	*	JP-59006488-A2	01-13-1984	FUJI KINZOKU KOUSAKU		
		WO-8804385-A1	06-16-1988	GEORGE FISCHER CASTI		
	✓	WO-9743571-A1	11-20-1997	ILE.Scaron.I.Ccaron., Peter		

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		EP-0224188-A1	06-03-1987	mitsui & co., ltd.		
		WO-0173333-A1	10-04-2001	swagelok company		
		WO-8400796-A1	03-01-1984	iwamicki		
		JP-2000097377-A2	04-04-2000	ckd corp		
		GB-2080900-A	02-10-1982	waverley component		
		GB-2032555-A	05-08-1980	normark o		

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP-0484091-A1	05-06-1992	CRAWFORD FITTING CO		
		EP-0751334-A1	01-02-1997	Guest		
		EP-0531068-A2	03-10-1993	VICTAULIC PLC		
		EP-0762003-A1	03-12-1997	ADAM OPEL AG		
		EP-0528079-A1	02-24-1993	Aeroquip AG		
		EP-0581408-A1	02-02-1994	GENERAL ELECTRIC CO		

Examiner Signature		Date Considered	
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		US- 3893716	07-08-1975	Moreiras et al.	
		US- 3743324	07-03-1973	Schwarz et al.	
		US- 3325192	06-13-1967	Sullivan	
		US- 3215457	11-02-1965	Teeters	
		US- 2693374	11-02-1954	Wurzburger	
		US- 2511134	06-13-1950	Stranberg	
		US- 2474178	06-21-1949	Wurzburger	
		US- 2179127	11-07-1939	Lauer	
		US- 2165626	07-11-1939	Ford	
		US- 2152537	03-28-1939	Couty	
		US- 4458927	07-10-1984	Smith	
		US- 3708186	01-02-1973	Takagi et al.	
		US- 3684322	08-15-1972	Kotsakis	
		US- 3512812	05-19-1970	Kreidel et al.	
		US- 3326582	06-20-1967	Currie	
		US- 3275350	09-27-1966	Kody et al.	
		US- 2579529	12-25-1951	Woodling	
		US- 2508763	05-23-1950	Mercier	
		US- 6279242	08-28-2001	Williams et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP-1055859-A2	11-29-2000	Tokai Rubber Industries, Ltd		
		WO-9934142-A1	07-08-1999	DAICEL CHEMICAL INDU		
		JP-6174171-A2	06-24-1994	NIPPON PILLAR PACKING		
		JP-4069488-A2	03-04-1994	FUROUERU:KK		
		JP-2001141169-A2	05-25-2001	NIPPON PILLAR PACKING		
		EP-0638752-A1	02-15-1995	Park, Sil-Sang		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/642,430
Filing Date	08/15/2003
First Named Inventor	Peter C. Williams
Art Unit	
Examiner Name	
Attorney Docket Number	22188/06671

Sheet _____ of _____

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

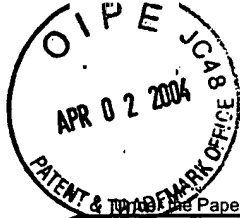
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		DE-4041679-A1	06-25-1992	Armaturenfabrik Hermann \		
		JP-2000110975-A2	04-18-2000	TAKEI KOJO:KK		
		JP-2001099337-A2	04-10-2001	KOMEI SEISAKUSHO:KK		
		JP-11201347-A2	07-30-1999	NIPPON KOKAN PIPE FIT		
		JP-5712887	01-22-1987	Fujiseiko KK		
		JP-4874317	09-14-1973	Nitto Koki KK		

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		Number-Kind Code ² (if known)			
		US- 6179348	01-30-2001	Okamoto	
		US- 6173995	01-16-2001	Mau	
		US- 6109660	08-29-2000	Akiyama et al	
		US- 6089620	07-18-2000	Mota Lopez et al.	
		US- 6045164	04-04-2000	Nishio	
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		US- 6022053	02-08-2000	Hukuda	
		US- 6007112	12-28-1999	Kim	
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		US- 5658025	08-19-1997	Ridenour	
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		US- 5074155	12-24-1991	Vecere	
		US- 5074599	12-24-1991	Wirbel et al.	
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		US- 4739828	04-26-1988	Bayer et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP-0309179-A1	03-29-1989	PARKER HANNIFIN CORP		
		EP-0371063-B1	02-05-1992	GEORGE FISCHER CASTI		
		EP-0396367-B1	01-20-1993	PRICE PFISTER, INC.		
		EP-0489289-B1	05-04-1994	PARKER-ERMETO GMBH		
		EP-0523020-B1	02-28-1996	AB STACKE METALLARM		
		EP-0528079-B1	03-30-1994	Aeroquip AG		

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		Number-Kind Code ² (if known)			
		US- 771682	10-04-1904	Sussman	
		US- 4538842	09-03-1985	Kowal et al.	
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		US- 4508374	04-02-1985	Kantor	
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		US- 4343456	08-10-1982	Zitzloff	
		US- 3248136	04-26-1966	Brozek et al.	
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		US- 4523256	06-11-1985	Small	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	*	EP-0583707-B1	03-20-1996	Anton Hummel Verwaltungs-		
	*	EP-0879980-A2	11-25-1998	EM-Technik GmbH		
	*	EP-0940617-A2	09-08-1999	Insigne-Berg Groep B.V.		
	*	JP-11325342-A2	11-26-1999	IHARA SCIENCE CORP		
	*	JP-51017219-A2	02-12-1976	TAKEMOTO YUSHI KK		
	*	JP-551559392-A2	12-11-1980	JIEIMUZU NEIRU HOORU		

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		Number-Kind Code ² (if known)			
		US- 5134676	07-28-1992	Boillot et al	
		US- 5823256	10-20-1998	Moore	
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		US- 2284216	05-16-1942	Kunkel	
		US- 2150042	03-07-1939	Shultz	
		US- 2083091	06-08-1937	Rector	
		US- 1983840	12-11-1934	Dohner	
		US- 1334130	03-16-1920	Blanchard	
		US- 5351998	10-04-1994	Behrens et al.	

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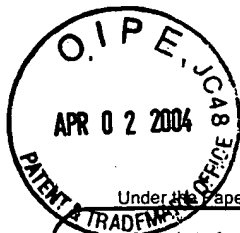
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP-4429659	12-08-1969	Sanko KK		
		JP-513917	01-13-1976	Taiyo Kinzoku KK		
		JP-55181082	12-26-1980	Tokyo Shibaura Denki KK		
		EP-441676-B1	06-05-1996	RADIALL Société anonyme		
		WO-9423234-A1	10-13-1994	SALYERS		
		JP-U3069026	05-30-2000	TOKYO KOKEN KK		

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		Number-Kind Code ² (if known)			
		US- 3580617	05-25-1971	Ehrenberg et al.	
		US- 2755110	07-17-1956	Jacobs	
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		US- 2544108	03-06-1951	Richardson	
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		US- 791905	06-06-1905	Higginbotham	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP-0034493-A2	08-26-1981	GOULD INC.		
		EP-1020675-A1	07-19-2000	F.X. Bachmann AG		
		EP-1033518-A1	09-06-2000	GLYNWED PIPE SYSTEM		
		EP-0118656-B1	06-11-1986	Firma Franz Viegner II		
		EP-0205170-A2	12-17-1986	Hewlett-Packard GmbH		
		EP-0285677-B1	12-02-1992	MANIBS Spezialarmaturen		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PARKER HANNIFIN CORPORATION, Supercase, The Invisible Breakthrough, Parker Supercase Promotion Folder, Parker Hannifin Corporation, Huntsville, AL.	
		PARKER HANNIFIN CORPORATION, Parker Supercase Process Hardens Stainless Steel to Become More Resistant to Corrosion, News Release, Parker Hannifin Corporation, Huntsville, AL.	
		PARKER HANNIFIN CORPORATION, Engineering Report - Ferrule Design Supercase, Parker Supercase Bulletin, 4230-B15.1, Parker Hannifin Corporation, Huntsville, AL.	
		PARKER HANNIFIN CORPORATION, Parker Supercase, A Proprietary Process for the Hardening of Stainless Steel Ferrules, Parker Supercase Bulletin, March 1993, 4230-B15.3, Parker Hannifin Corporation, Huntsville, AL.	

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		EP-0895014-A2	02-03-1999	Parker Hannifin GmbH		
		WO-8909904-A1	10-19-1989	NORDS VERKSTADS AKTI		
		WO-9325837-A1	12-23-1983	LEHMANN, Klaus-Dieter		
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		JP-61099790-A2	05-17-1986	FUJI SEIKOU KK		

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		• KR-19920008397	05-25-1992			
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		JP-1054599-B4	11-20-1989	NIPPON PILLAR PACKING		
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